M. A. R. 57 (Rule 116)
Measurement Book

No. B 424901

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		R.A. Bill No: I Sty Final					
	1) Name of the Work :- Drilling of bore wells and providing pipelines in Ward No. 11. (Kuvempunagara) Vidyaranyapura Sub Division.						
	2) Head of Account :- P-2178 Estd Cost :- 10.00 Lakhs.						
	3) Work Code No :- 01-18-000601						
	4) Name of the Agency :- M/s K.R.I.D.L 3, Lane-03						
	5) Work order :- EE/BTP/EAMP/KRIDL/400/18-19/2017-18 dt 04.01.2018.						
	6) A.S. No :- EE/BTP/AA/90/2017-18 dt 14.12.2017						
	7) T.S. No :- EE/BTP/TS/45/17-18 dt 14.12.2017.						

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MEASUREMENT BOOK

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Date of Record :- 09.03.2018.						
Item No (1) :- Geological investigation of site for sinking of bore well for supplying drinking water to the habitation either through hand pump @ 45 mtrs of depth by vertical electrical surrounding by adopting resistivity or Schlumberger's method. Lead & lift loading & unloading & hire charges & etc complete as per the direction of the Engineer in charge of the Work.						
Bore well :-	1.00 each @ 1938.46 each					Rs = 1938.46
Item No (2) :- Sinking of bore well of 165 mm ϕ clear casing super fast hydraulic rig of capacity 250 PSI & above in all strata including cover burden upto 20 mtrs &						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424902

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fixing of Casing pipe complete and as per the direction of the Collars & Cap with necessary Cutting Com... Engineer in Charge of the work.						
	0 to 50 m	1	50.00	—	—	50.00 m @ 315.18/- Rs=15759/-	
	50 to 100 m	1	50.00	—	—	50.00 m @ 412.00/- Rs=20,600/-	
	100 to 150 m	1	50.00	—	—	50.00 m @ 458.35/- Rs=22918/-	
	150 to 200 m	1	50.00	—	—	50.00 m @ 484.10/- Rs=24205/-	
	200 to 250 m	1	50.00	—	—	50.00 m @ Rs=560.34/- Rs=28017/-	
	250 to 300 m	1	50.00	—	—	50.00 m @ Rs=600.49/- Rs=30024/-	
	Item No (3) :- Supply of GI Mark 175mm nominal bore ... with block						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CRW casing pipe of 5 mm thick black electric resistance welded mild steel tube materials, length of 4 to 7 m both ends threaded conforming to IS 554/1955 (incl. of all taxes) with all lead & lift loading unloading & labour charges etc complete as per specification.						
		11	6.00 m	–	–	66.00 m	
		1	5.00 m	–	–	5.00 m	
						Qty = 71.00 mtr	
						Restricted Qty = 70.00 m	
				@ Rs = 1325.00 /m		Rs = 92750/-	
	Item No. (4) :- providing 250 mm Ø PVC pipes 6 kg/cm as per specification of the Engineer in charge of the works.						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424903

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	PVC pipes 6kg/cm	~~10~~ 1	18.00m	—	—	18.00 Rmt @ Rs = 1100/Rm	Rs = 19800=00
	Item No. (5) :- providing & fixing 175 mm Bore well Cap with Clamp complete with all leads & lifts loading & unloading & transportage & all complete as per specifications.						
	Bore well Cap 175 mm	1	1.00 each	—	—	1.00 each @ Rs = 100/ each	Rs = 100=00
	Item No. (6) :- Supply & delivery @ site transport/new tech no						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Motor Make Suitable for Ver installation of 150mm Ø bore well Coupled of single stage or CP pump close coupled by means of Stainless Steel Suitable Hp. the pump & motor shall form an integral unit with all the legal fittings 10.00 Hp 90 stages with all leads & lift cables & any loadings & Ver charges the complete as per the direction of Engineer in Charge of the works.						
	Sub mersible in Motor	1	1.00 Nos	—	—	1.00 Nos	
					@ Rs = 60,400/Ver	Rs = 60,400=00	
	Item No ②:- providing & fixing in trenches galvanized mild steel tubes (Medium grade) 50mm Ø nominal bore with all fittings						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424904

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(Earth work in trenches to be measured separately) incl cost of all materials labour charges & hire of machinery complete as per specification & Engineer in Charge of the works.						
	50mm ϕ galvanised pipe.	42	6.00	—	—	252.00 m	
				@ Rs =	Restricted Qty =	250.00 m	
				455.92 / m		Rs = 114480 = 0	
	Item No (8) :- Supplying & drawing 3 Core flat PVC sheathed Submersible pump Cable manufactured with electrolytic grade Copper Conductor suitable for working voltage upto 1100 volts with all leads						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	loading/unloading & labour charges to complete as per the direction of the Engineer in charge of the work.						
		2×8	30.00	—	—	480.00 m	
		1	95.00	—	—	50.00 m	
					Qty =	530.00 m	
					Restricted Qty =	520.00 m	
		@ Rs = 126.70/m				Rs = 65,884.00	
	Item No. (9) :- Labour charges for erection of new submersible pump set along with 4" pipes (32 feet each) cable supply etc by the department free of cost & labour charges						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424905

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Set should be handed over to dept incl transportation (each L = 6.00 the completed as per specification)						
		1	49.00 per length	—	—	49.00 per length	
			@ Rs = 88/rt			Rs = 4312 = 00	
	Item No (10):- Supplying & fixing 20" x 20" x 2.5" polished wood board made of not less than 15 mm thick planks on both sides with planks & fixing the faces of the wall using tapes & nailing plugs & screws etc with all lead & lift loading & unloading etc						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Completed as per specifications &						
	Used Loaded :-	1	1.00 Nos	-	-	1.00 Nos	
	Item No. (11) :- Supply of LT/UG Cable having aluminium con-			@ Rs = 302/- each			Rs = 302.00
	ductor PVC insulated steel						
	armoured Cable with PVC outer sheath galvanised steel wire						
	with all leads & lift- loading unloading and						
	the Complete as per specifications.						
	Cable :-	1	35.00	-	-	35.00 m	
				@ Rs = 1440/- per m			Rs = 49140.00
				1440.00/m			

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424906

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. (12):- Labours Charges for laying of 1.1 KV Class UG Cable with attend & lift loading & unloading and lower charge etc complete as per specification &.						
	E.T/UG Cable	1	35.00	—	—	35.00 mtr @ Rs = 10.80/m	Rs = 378=00
	Item No. (13):- Digging of trench of 0.6m deep x 0.30 m wid & refilling the trench to the ground level & consolidating complete as per specification &.	1	30.00	—	—	30.00 m @ Rs = 85/m	Rs = 2550=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Restricted Qty = 1300.00 Cum	
						@ Rs = 15/- Cum	Rs = 19,500/-
	Item No. (26) :- Refilling the base cement + pipeline trenches with suitable available earth for free location in Chunian Municipality Condition in layers from bottom up to Point a leak proof with all lead and lift loading unloading Complete as per Specification.						
						Qty Without M.B. Page No. 911	
						Item No. (26) Qty = 585.00 Cum	
						@ Rs = 61/- Cum	Rs = 35685/-

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424913

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number 3	Length 4	Breadth 5	Depth 6	7	8
	Item No. 27:- providing & fixing in position brass gate valve with C.I wheel of approved quality with all leads & complete as per specification & including leads & lift loads & unloading labour charges & complete as per direction of Engineer in charge of the works.						
	brass gate valve :- 1		3.00	-	-	3.00 Rft	Rs = 8188.00
				@ Rs = 2729.50/Rft			
						Total Rs = 10,000 = 00	
	BESCOM Meter Charges						
					Total Rs =	900835 = 00	
						(Rs 8,70,835/-	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
						8,90,835.00	
				B/F	Rs =	9,00,835.00	
	10% for Hybrid Charges				Rs =	90083.50	
	1% for labour charges				Rs =	9008.35	
					Net Rs =	9,99,926.85	
						M: 998827.00	

Verified
31/07

A.E.
05.03.2018

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424914

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ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	CERTIFICATE I/c certified that the above work is done satisfactory II/c Departmental Materials issued is/it. AE-II						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 9988.27-0

ಗಳನ್ನು ಹಾಸು ಮಾಡಿದ : ಇದರಲ್ಲಿ ರೂ 80905-0

ಕೊಂಪಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 9,17,922-0

ರೂ Nine Lakh, Seventeen Thousand Nine Hundred and twenty two only.

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು

31/7.

31/07

Total Rs: 9,98,827-0

2) IT- 19977-0

1% Cess 9988-0

CBF- 999-0

FSD 49941-0

Add : 80905-0

Amount 9,17,922-0

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